

FIG. 1

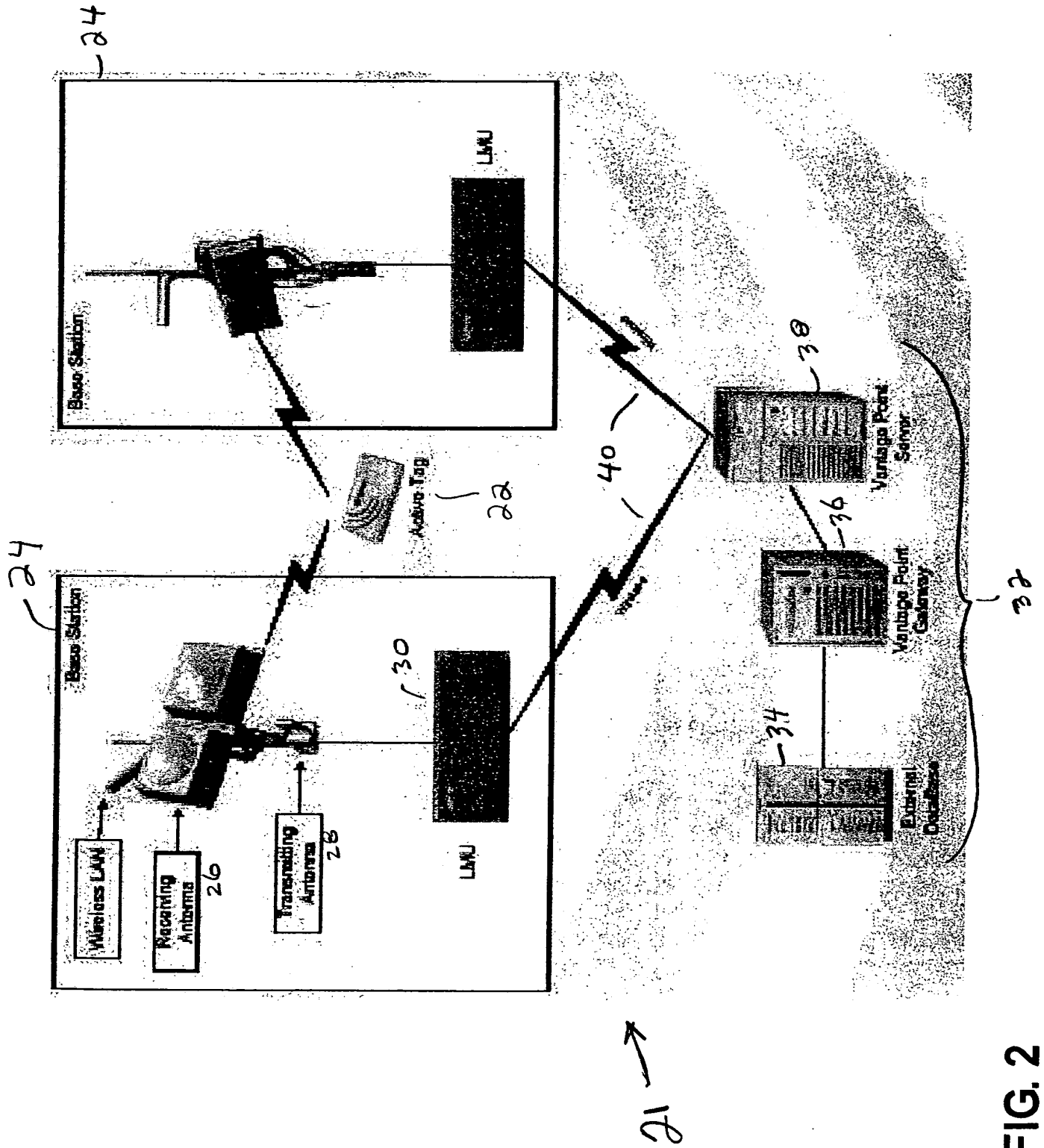


FIG. 2

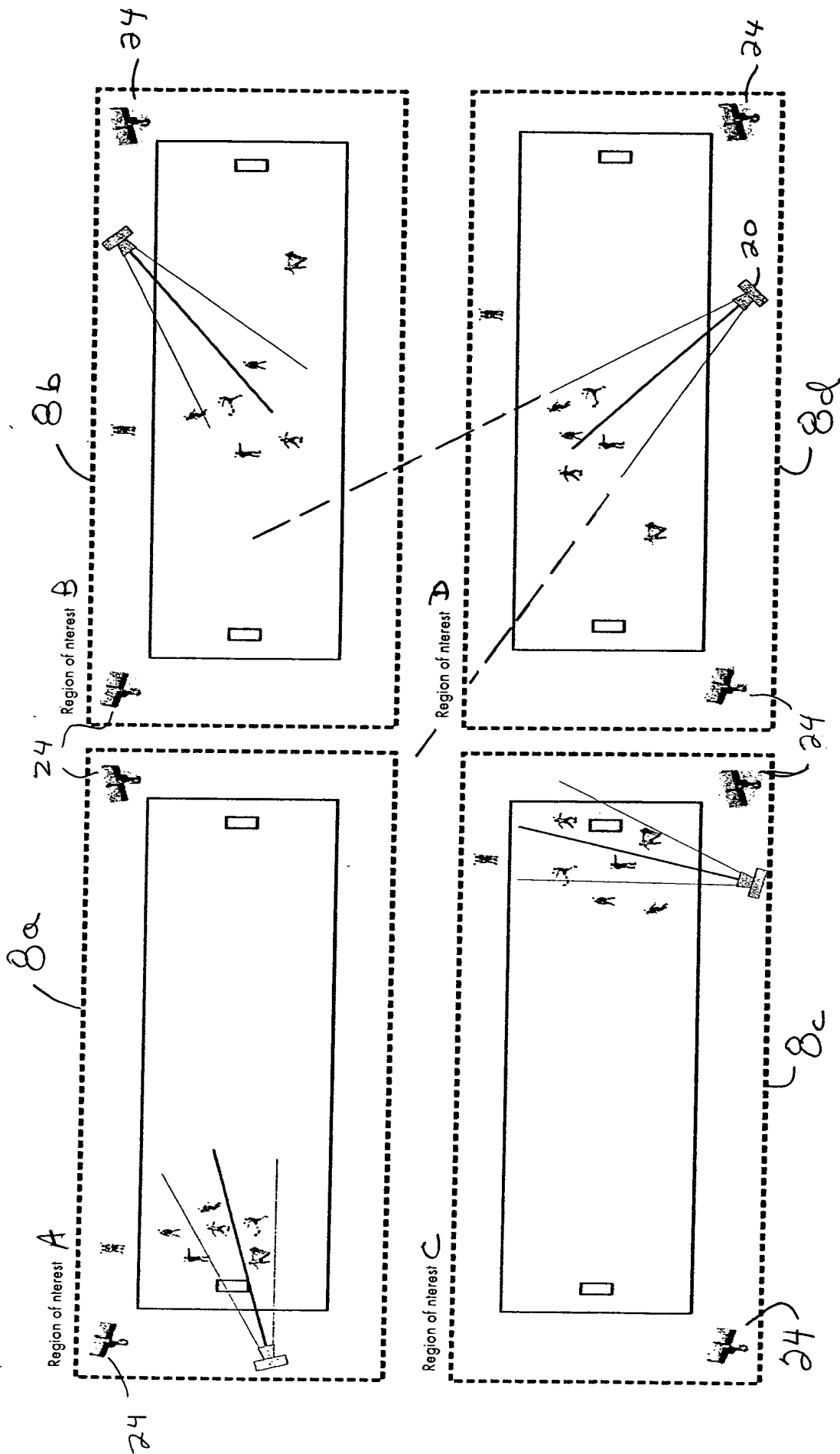


FIG. 3

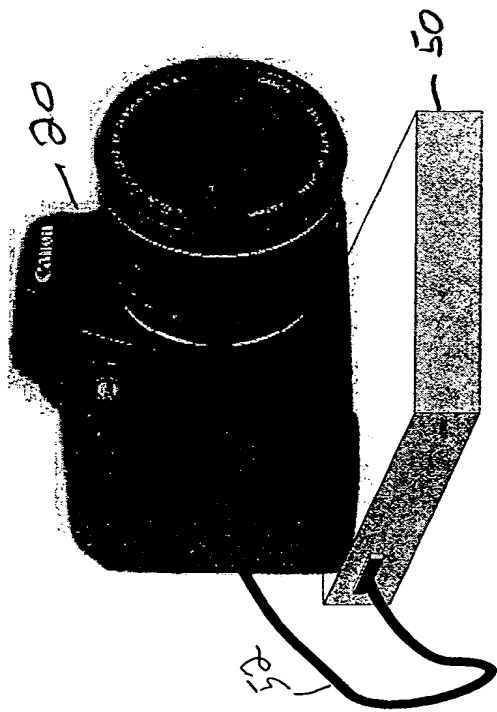


FIG. 4A

Camera with Tracking Data Acquisition Unit
Tracking data stored with image

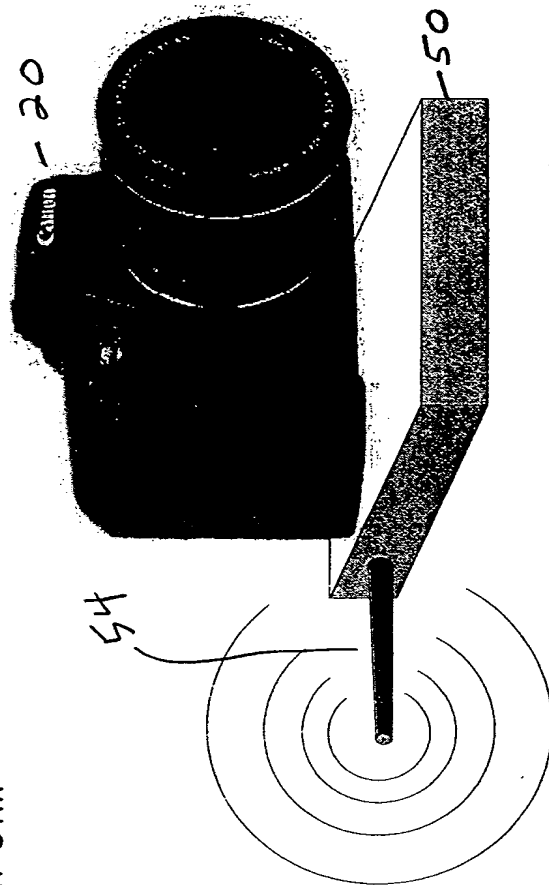


FIG. 4B

Camera with Tracking Data Acquisition Unit
Tracking data wirelessly transmitted to
Camera Position Database

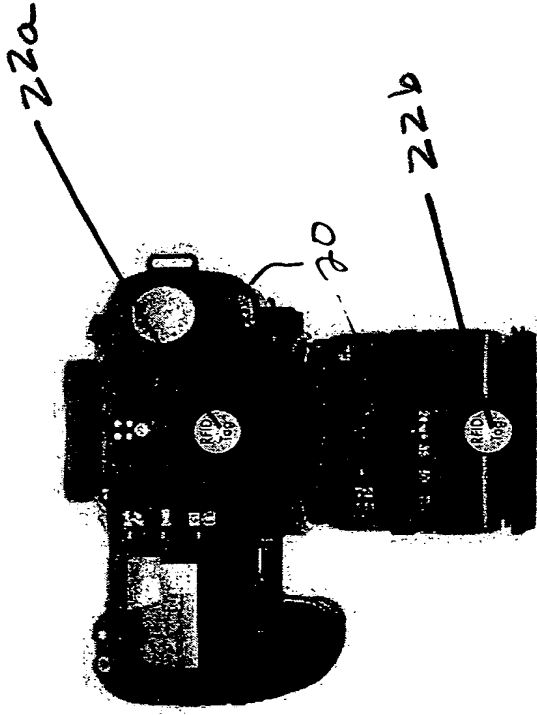


FIG. 5A

Camera with RFID Tags on Body

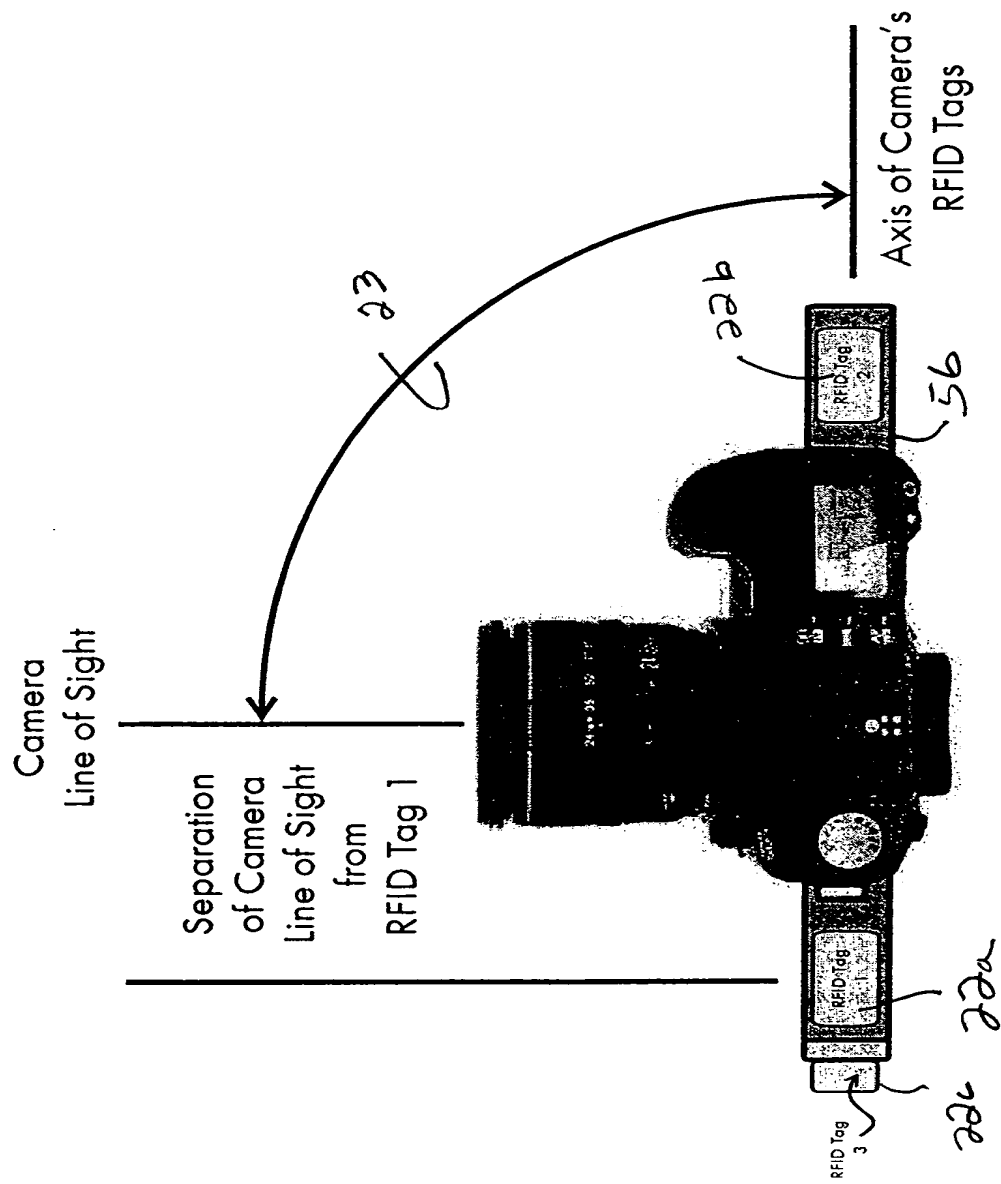


FIG. 5B

Camera with RFID Tags on Bar

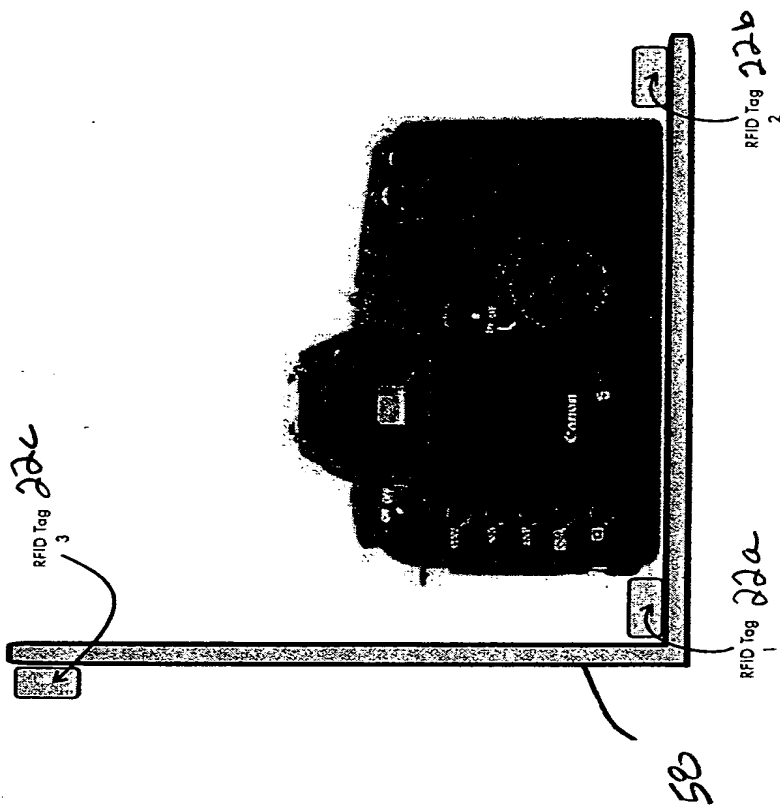


FIG. 5C
Camera with RFID Tags
on 2-axis Bar

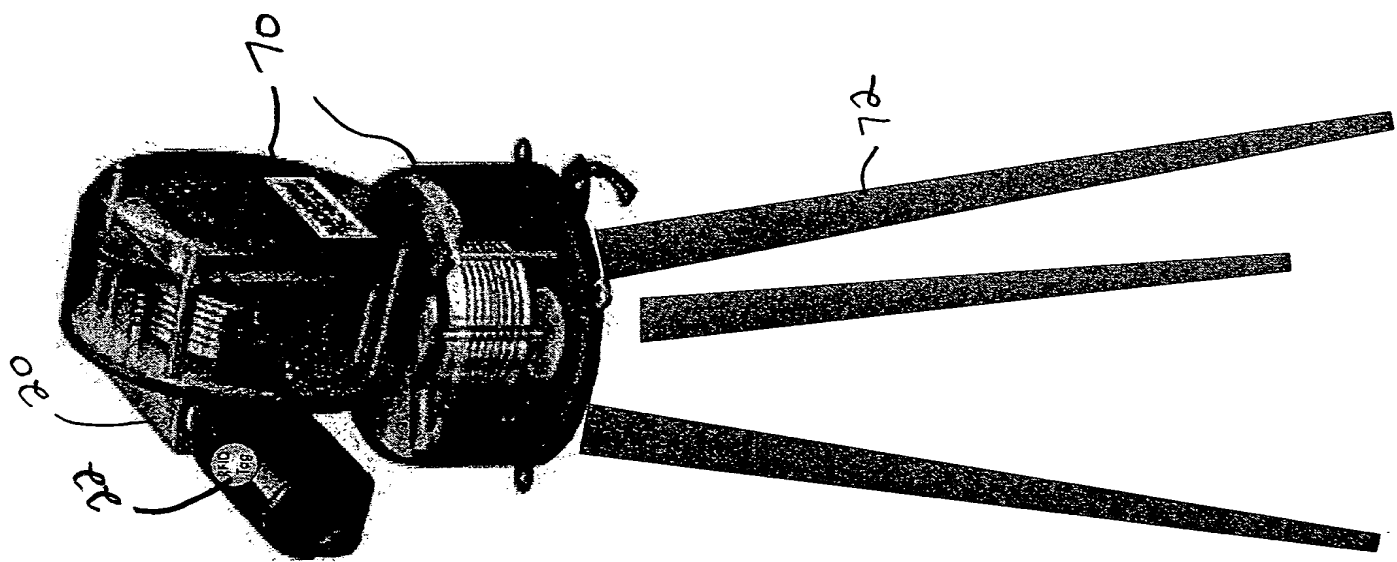


FIG. 6

Camera on Gimbal Mount

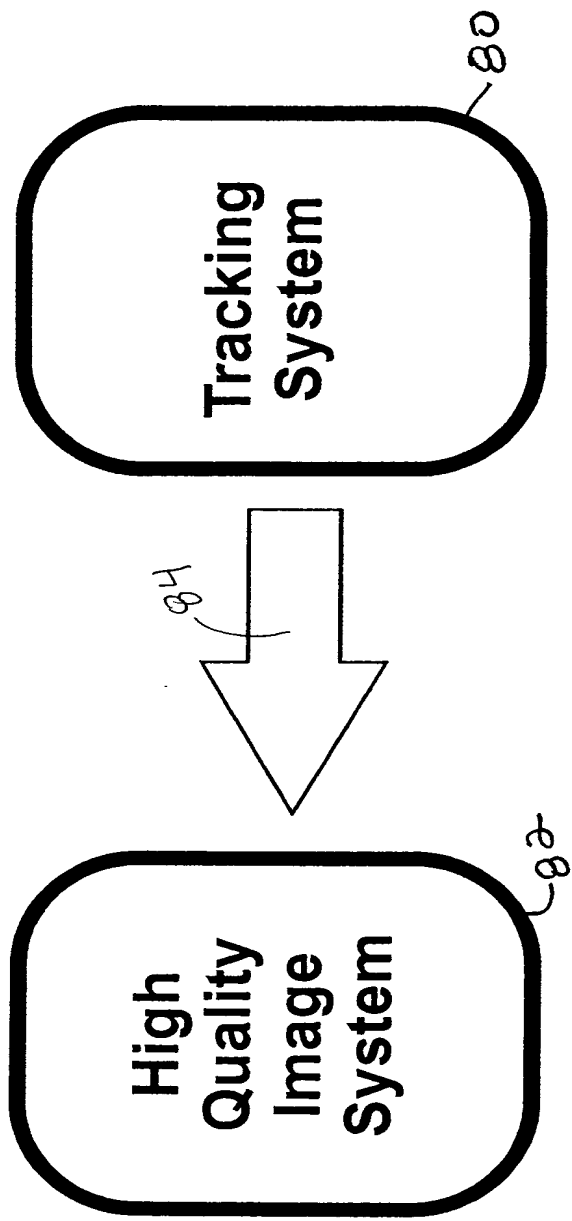


FIG. 7A

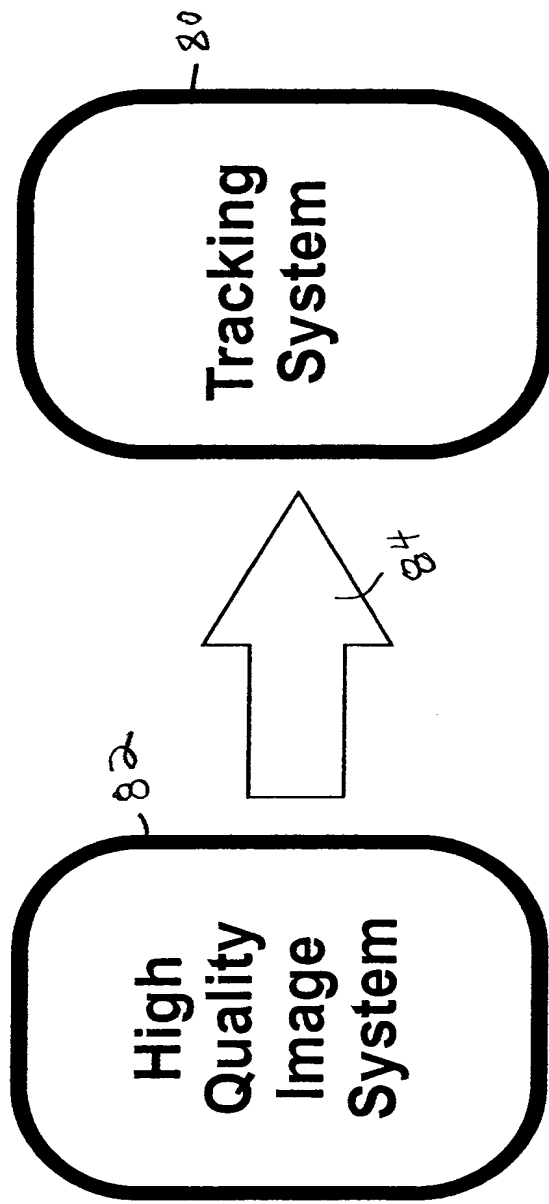


FIG. 7B

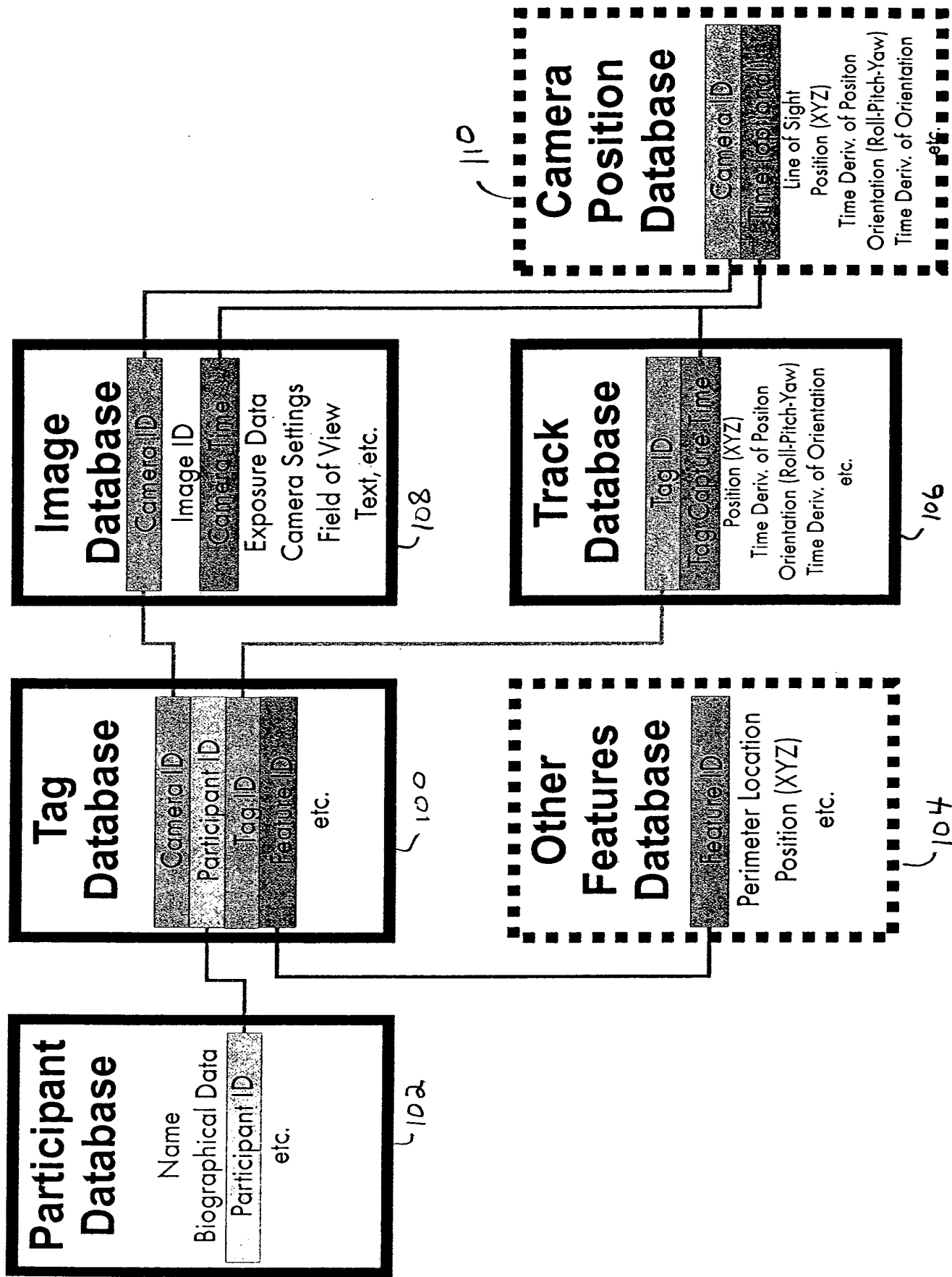


FIG. 8

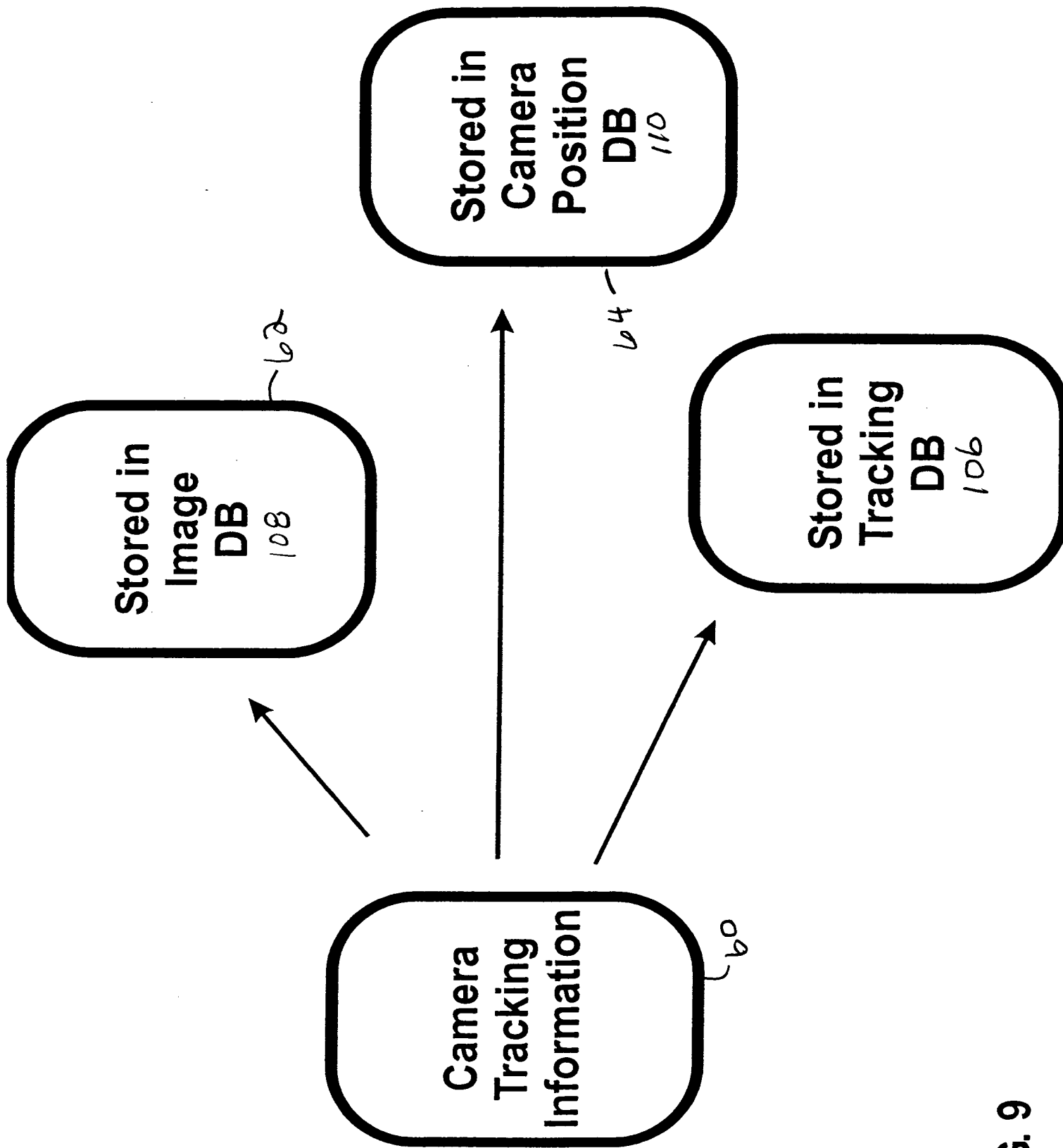


FIG. 9

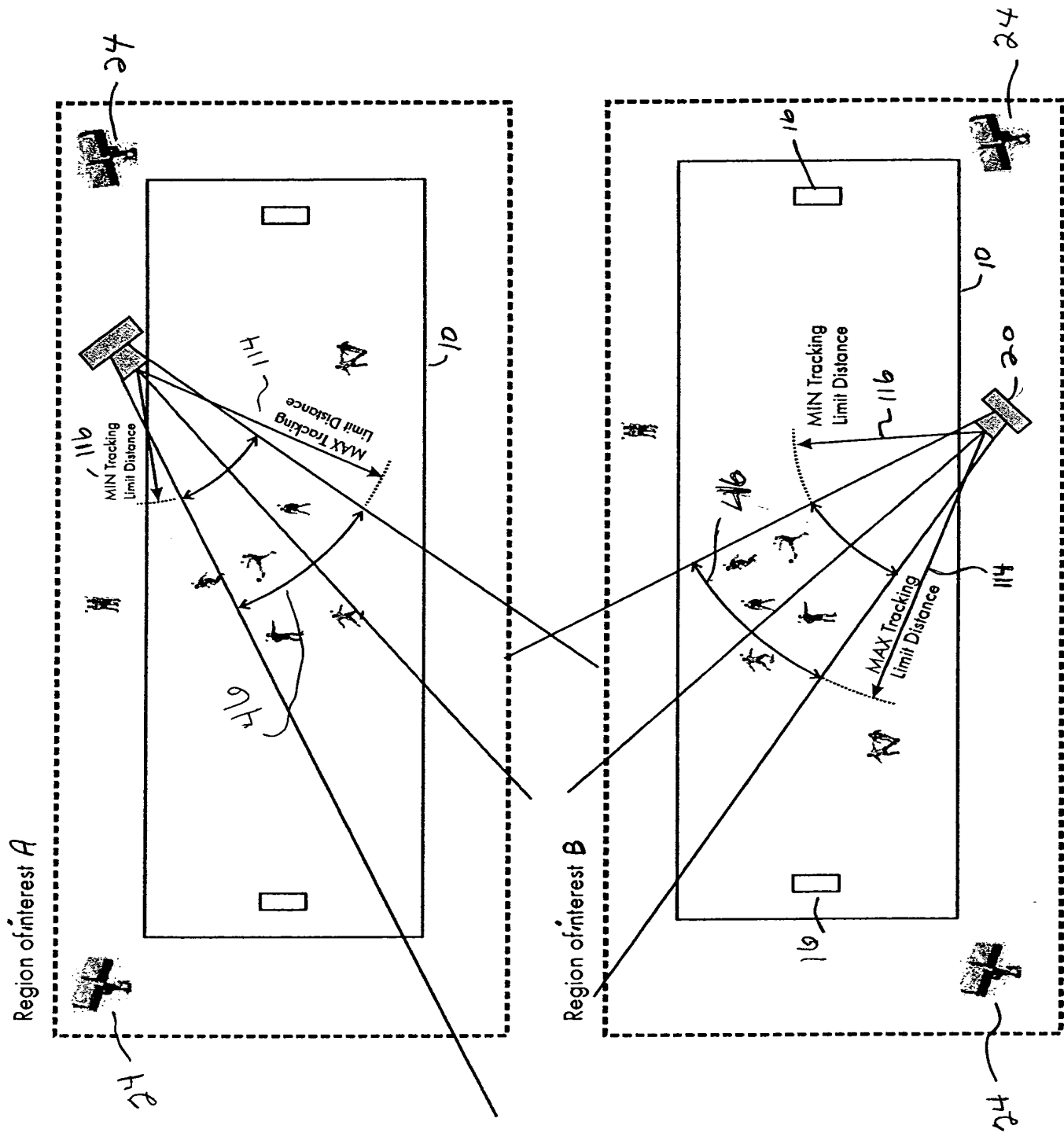


FIG. 10

Sports Event

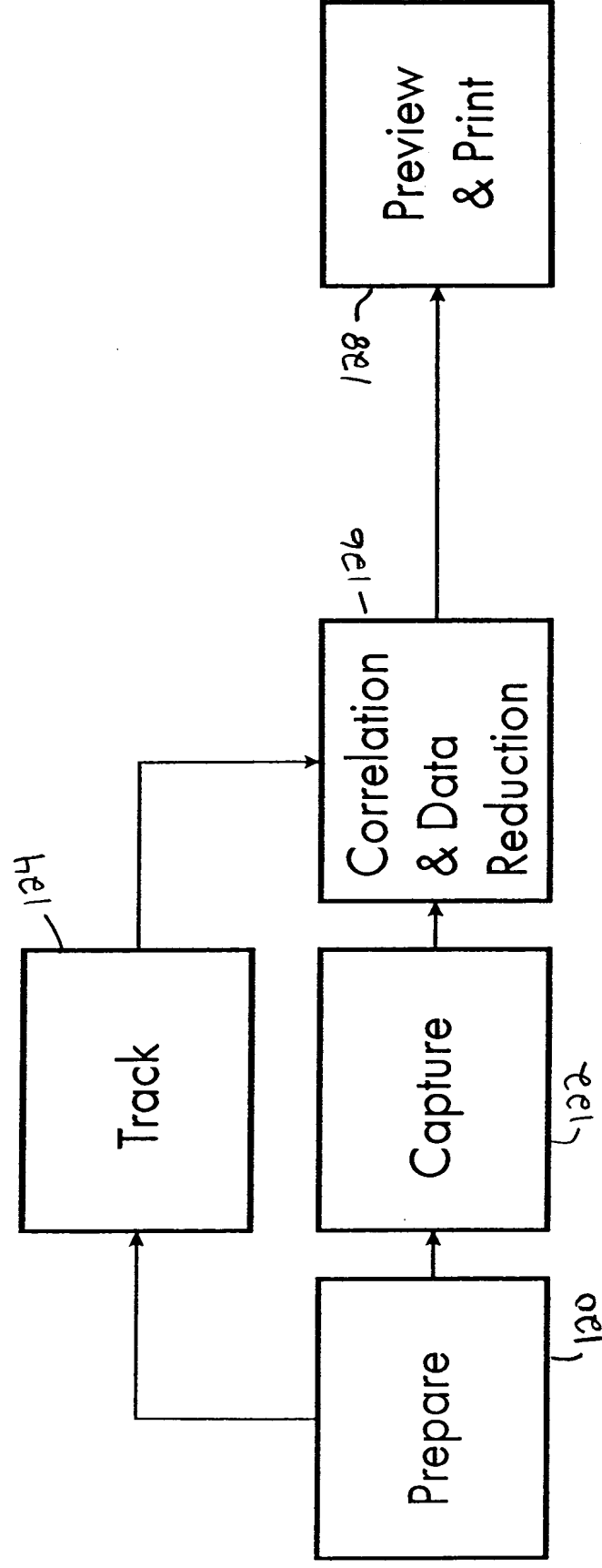


FIG. 11

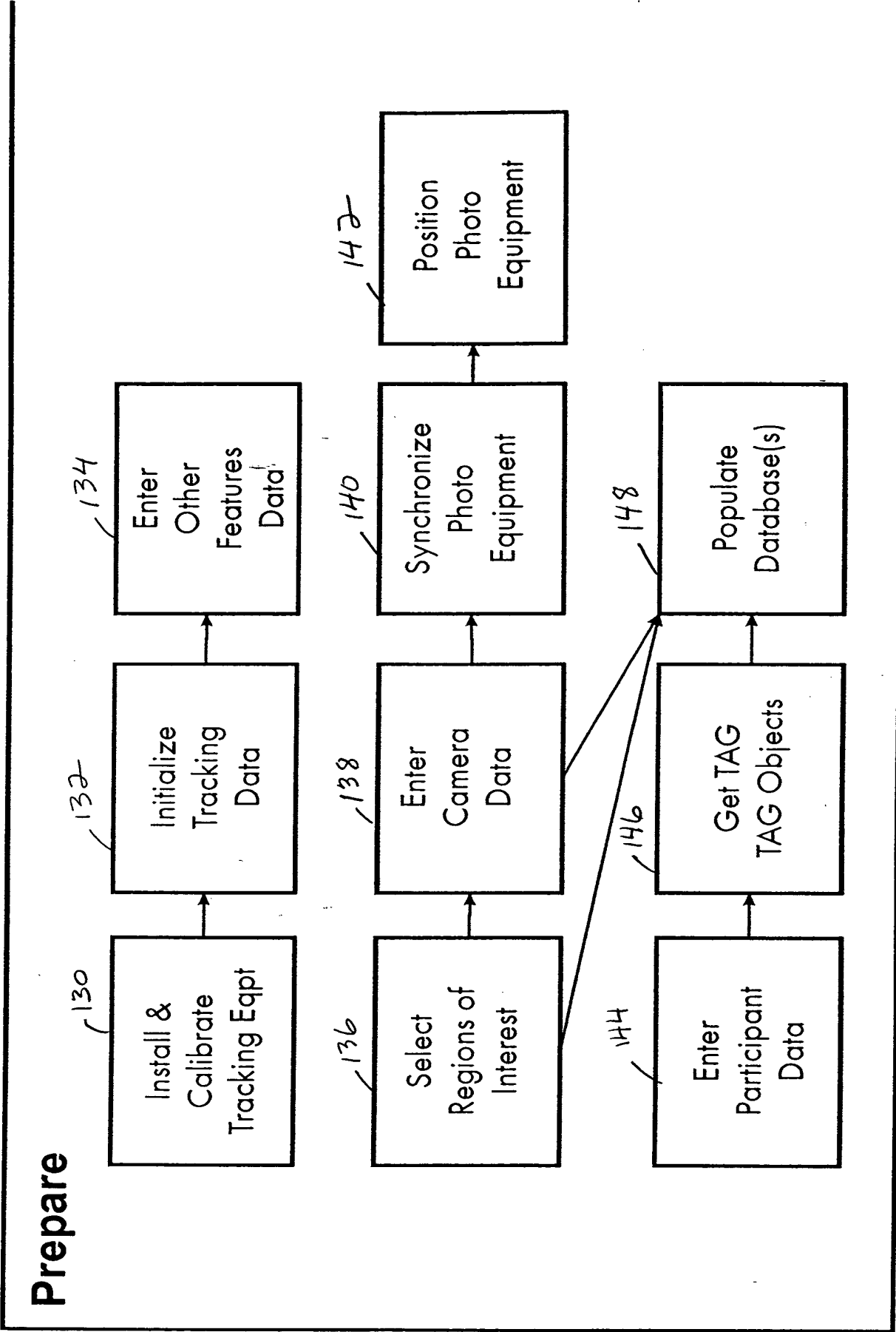


FIG. 12

Sports Event

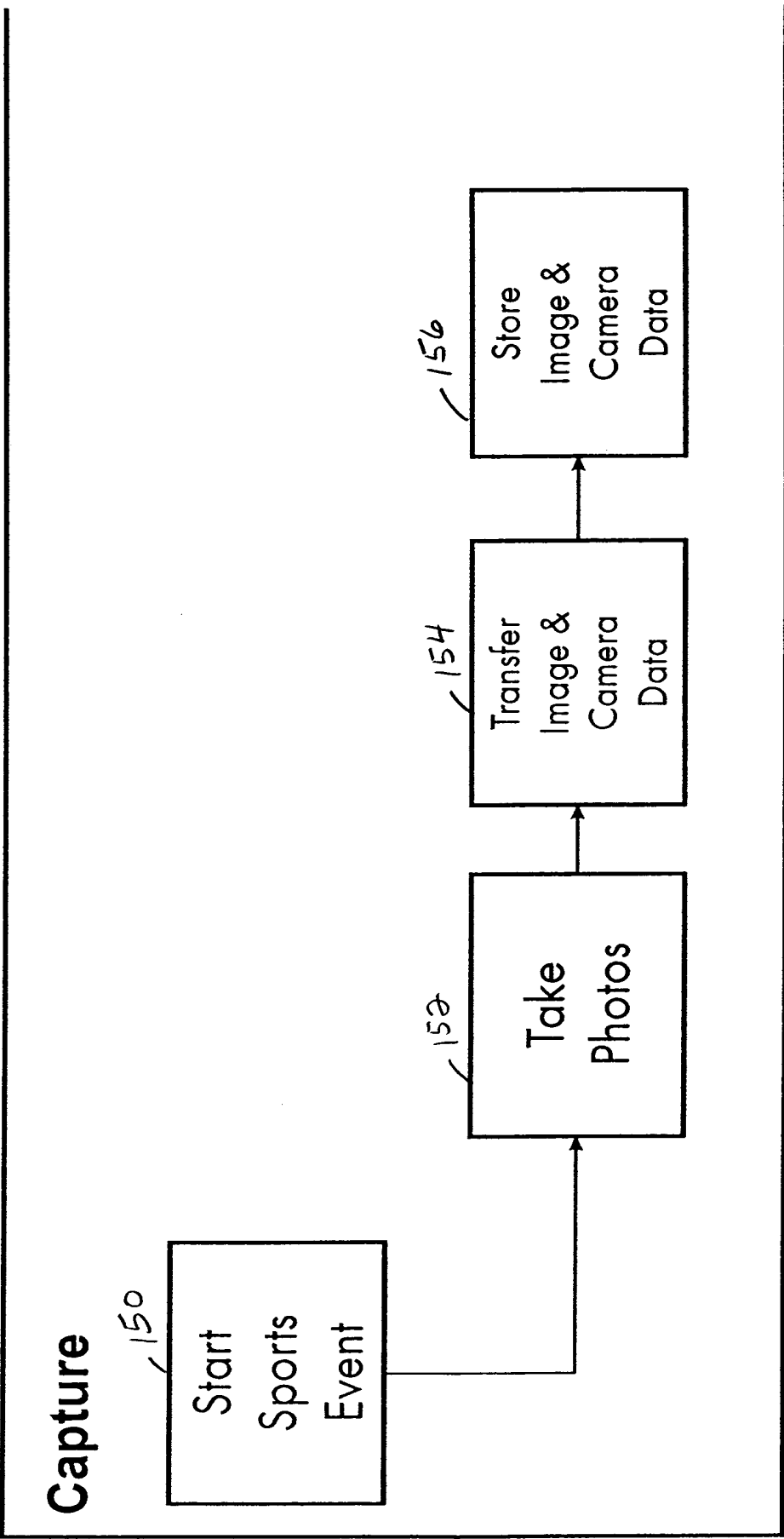


FIG. 13

Sports Event

Track

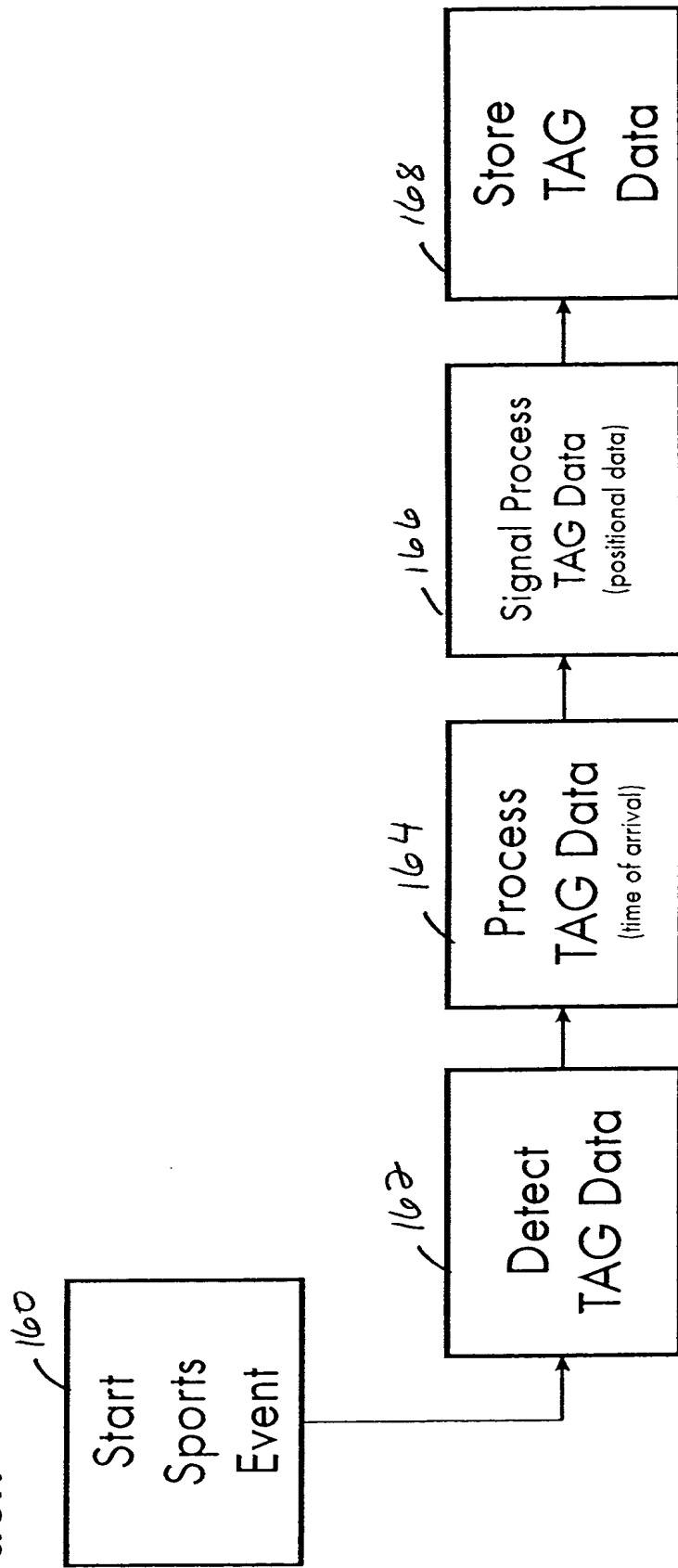


FIG. 14

Correlation and Data Reduction

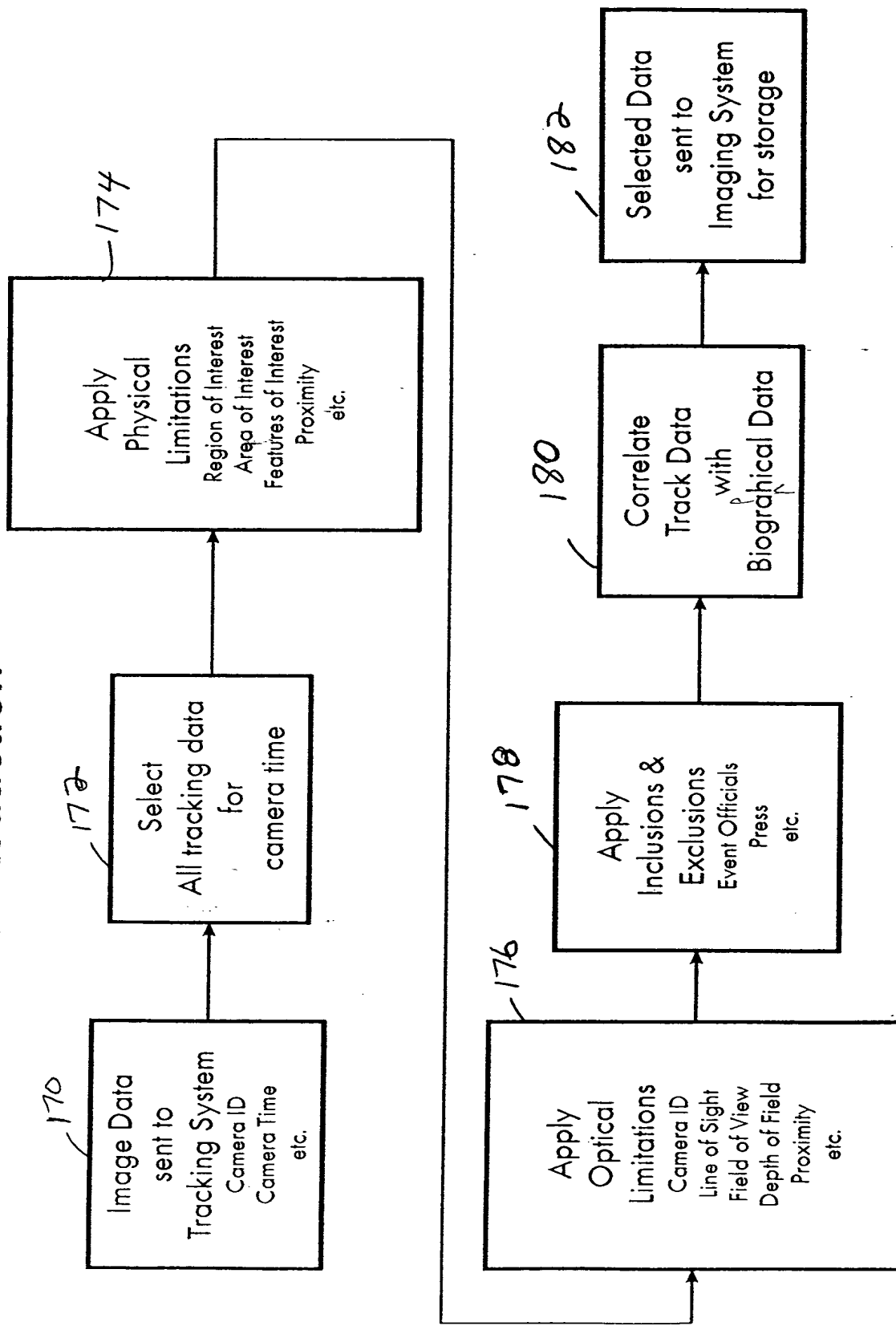


FIG. 15

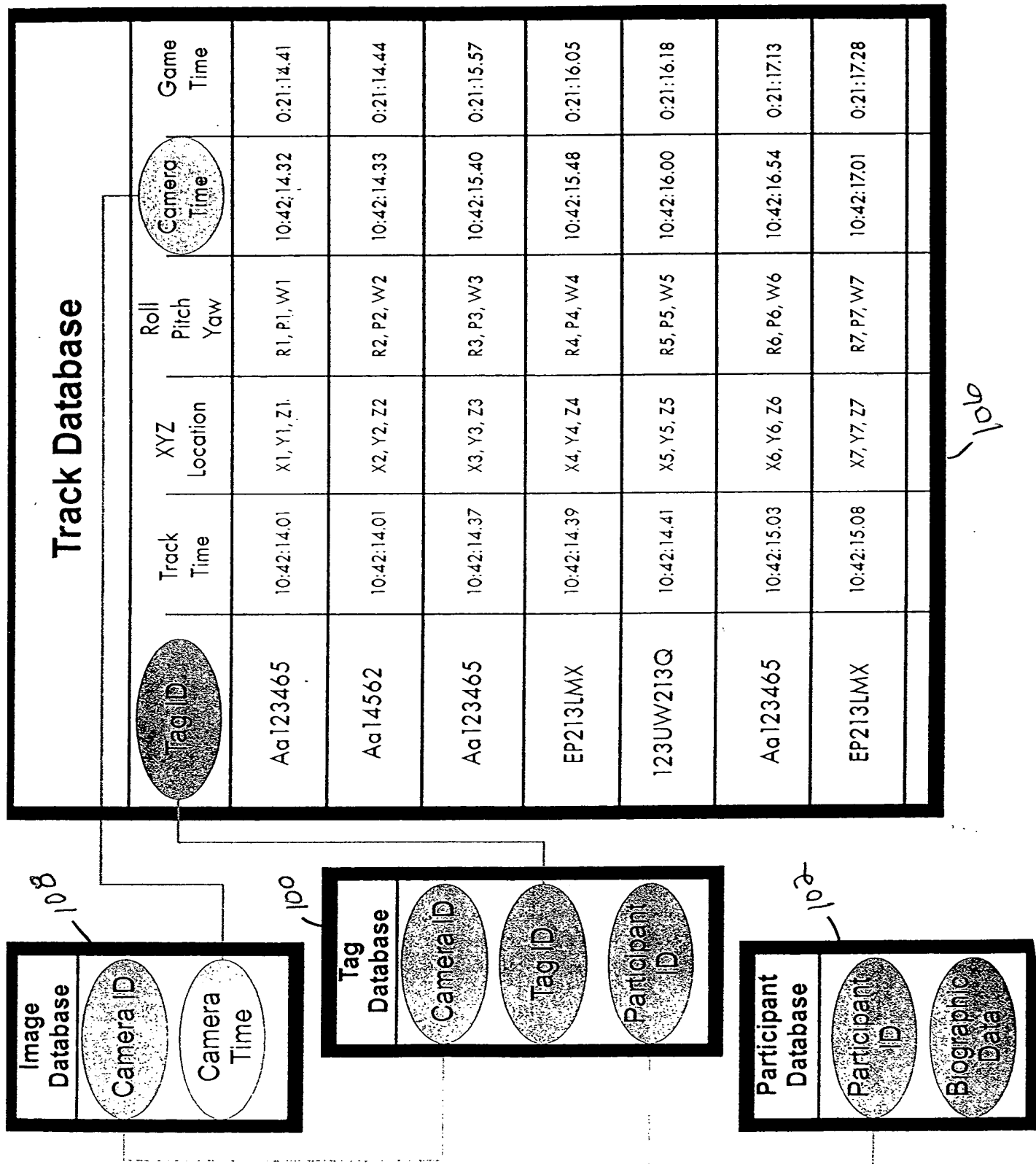


FIG. 16

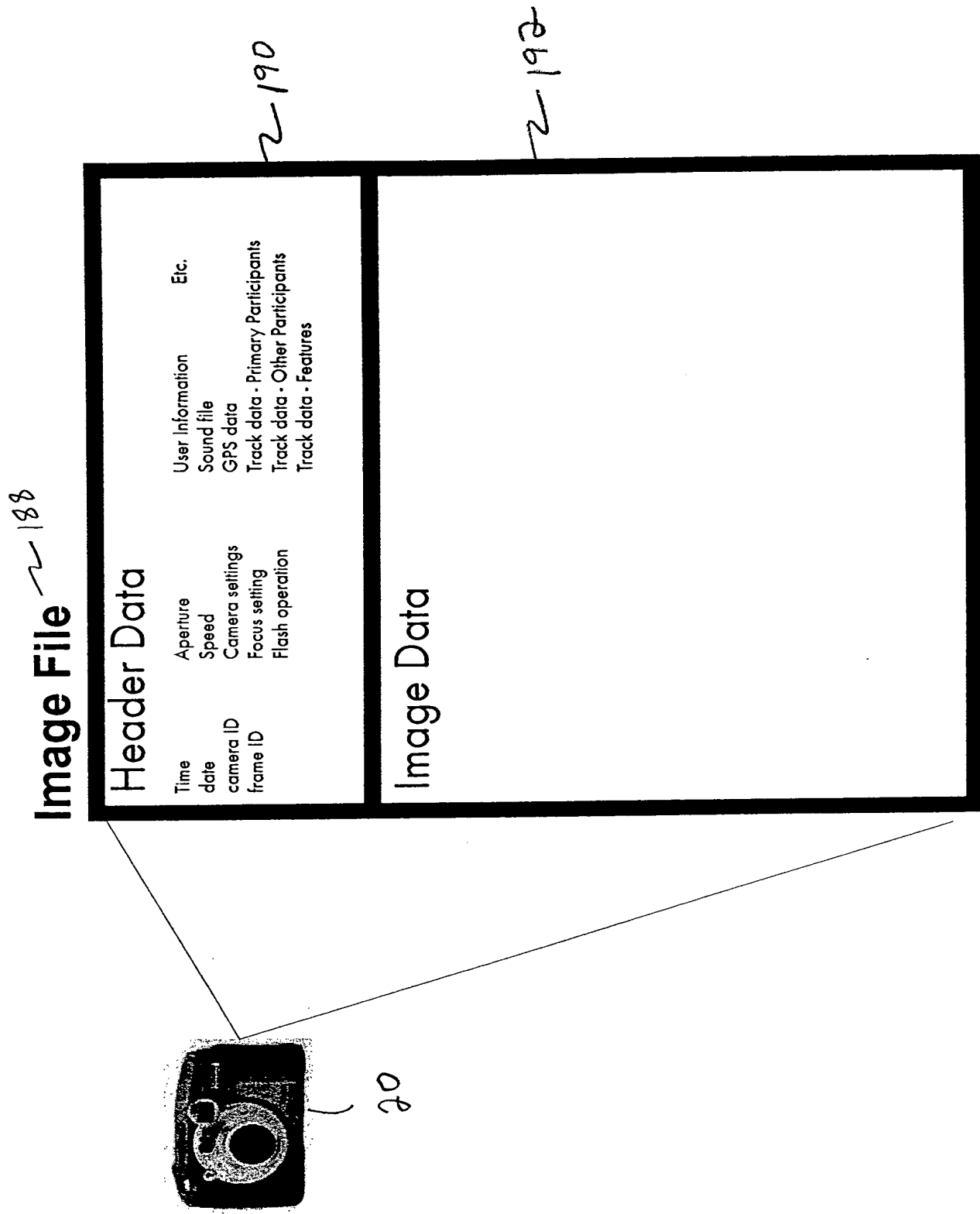


FIG. 17

Identification Information						CAMERA ID = 26	FRAME ID = 121
Tag ID	Participant	XYZ Location	In DoF	In FOV	Person or Object		
Aa123465	Joe	X1, Y1, Z1	Yes	Yes	P		
Aa14567	Tom	X2, Y2, Z2	No	Yes	P		
Aa123492	Harold	X3, Y3, Z3	Yes	Yes	P		
EP213LMX	East Goal	X4, Y4, Z4	No	Yes	Q		
123UW213Q	Stephanie	X5, Y5, Z5	No	Yes	P		
Aa123639	Michael	X6, Y6, Z6	Yes	Yes	P		
EP213LPT	Referee #3	X7, Y7, Z7	No	Yes	P		

FIG. 18

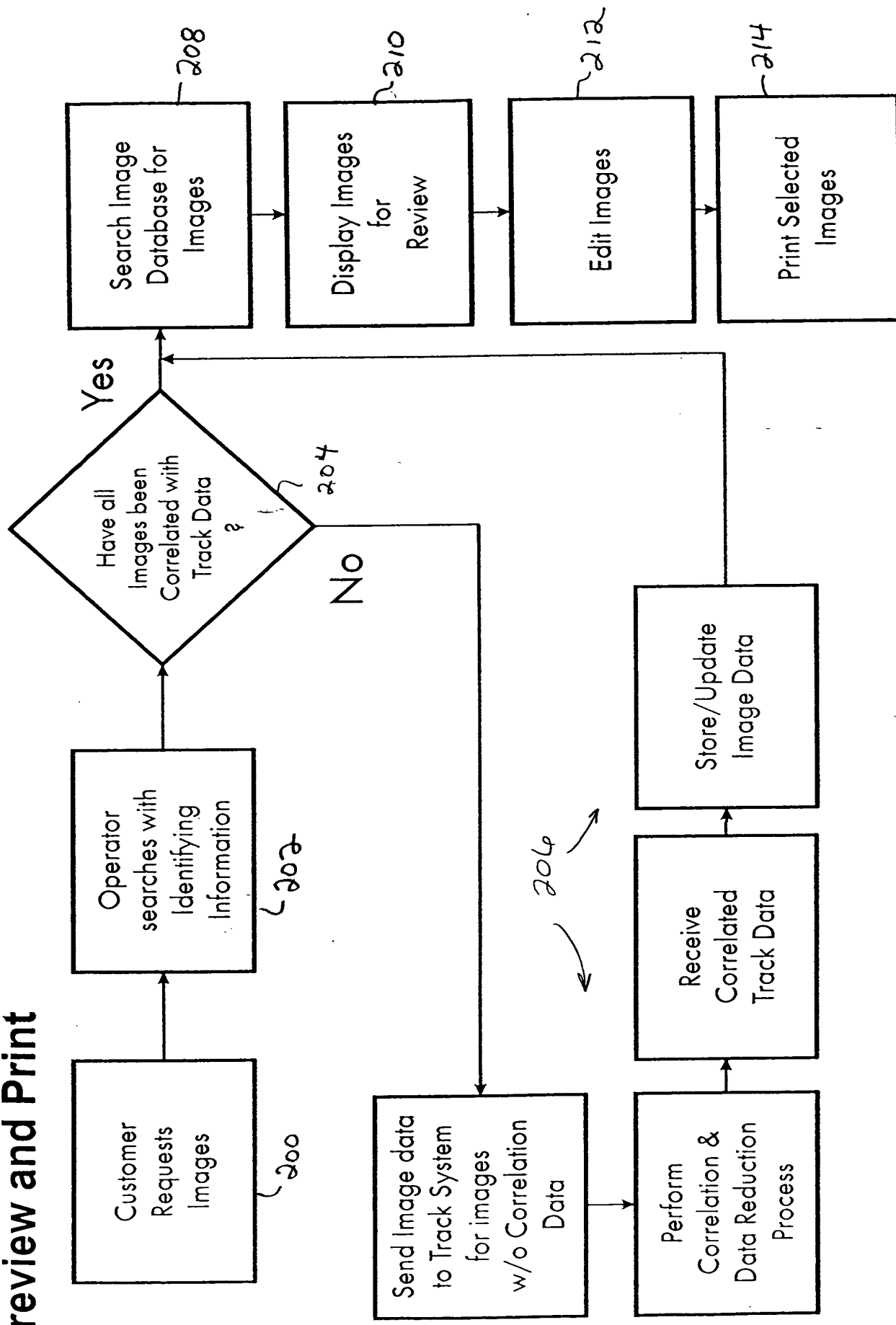


FIG. 19

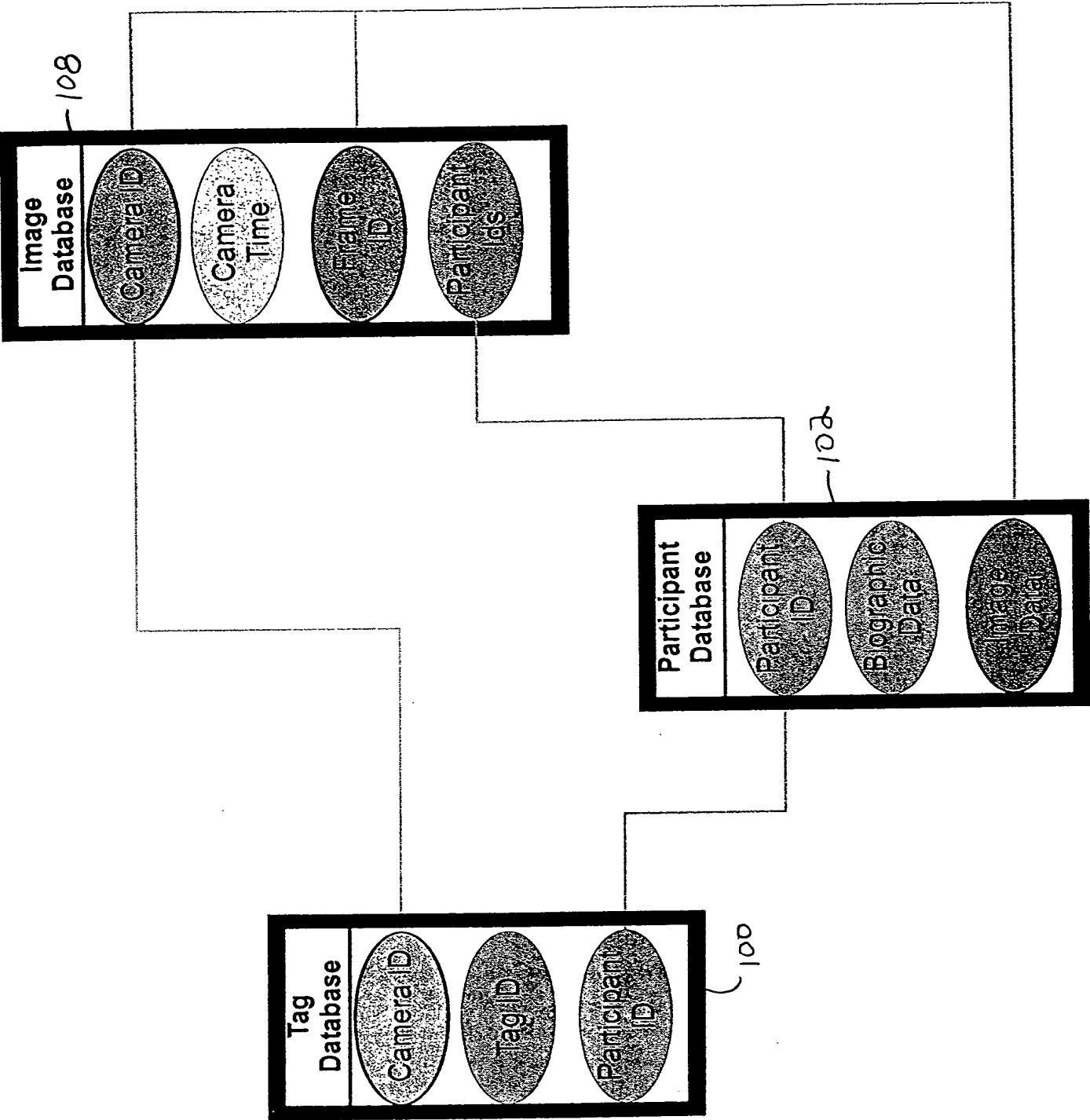


FIG. 20

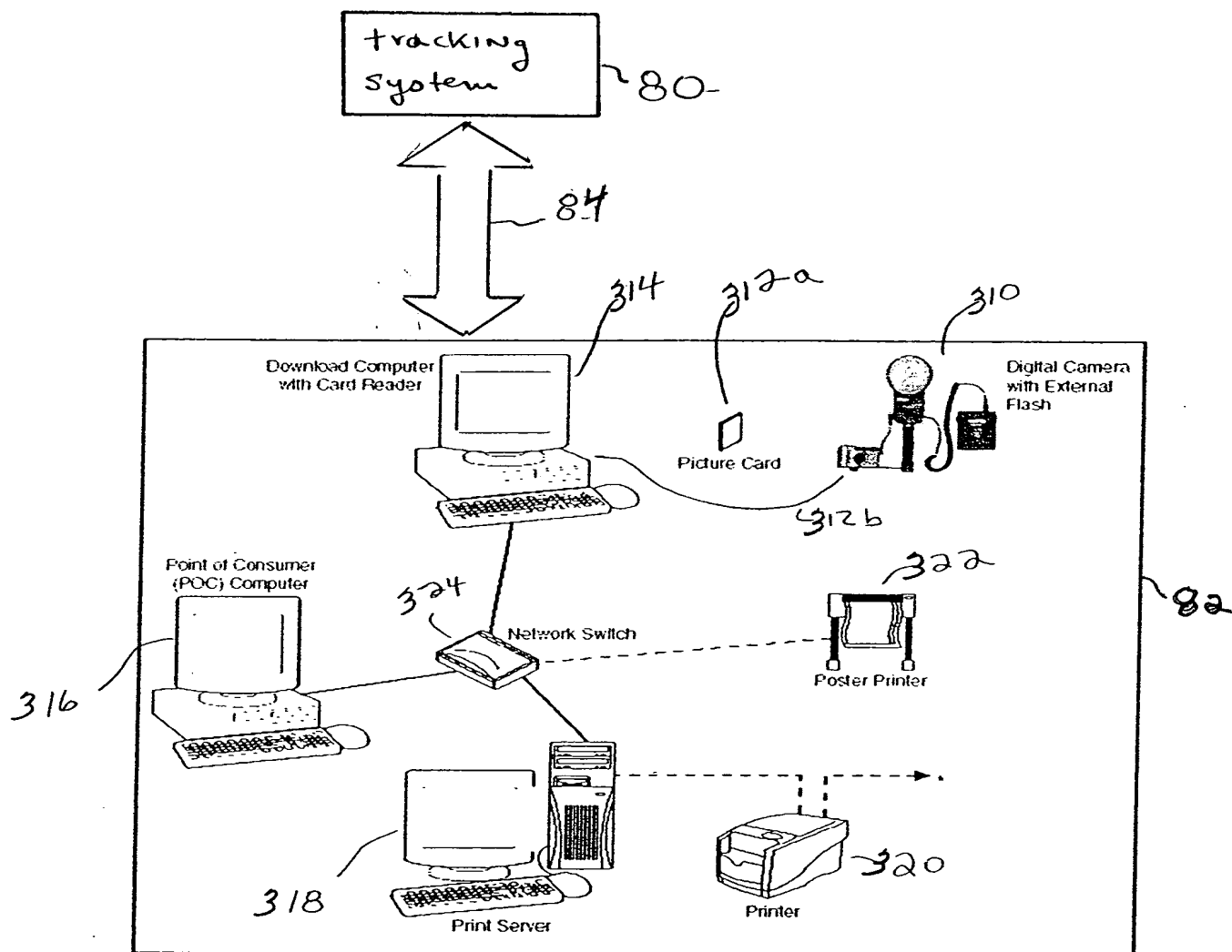


FIGURE 21.